Title (en)

COMPRESSOR

Title (de)

VERDICHTER

Title (fr)

COMPRESSEUR

Publication

EP 2138722 A1 20091230 (EN)

Application

EP 08720562 A 20080321

Priority

- JP 2008000682 W 20080321
- JP 2007096055 A 20070402

Abstract (en)

The present invention is directed to a compressor including a compression mechanism, a motor, and a casing. The vibration and the noise of the compressor due to the vibration of the motor are reduced. A compressor (1) includes a compression mechanism (2), a motor (4) coupled with the compression mechanism (2) via a driving shaft (5), and a casing (10) for accommodating the compression mechanism (2) and the motor (4). The motor (4) includes a stator (41), and a rotor (42) disposed inside the stator (41) and coupled to the driving shaft (5). The stator (41) is spot-joined to the casing (10) via a plurality of stator-side welded portions (6a, ... , 6b, ...) provided at different positions in an axial direction of the driving shaft (5). The plurality of stator-side welded portions (6a, ... , 6b, ...) are provided at different positions in a circumferential direction of the driving shaft (5).

IPC 8 full level

F04B 39/00 (2006.01); **F04B 39/12** (2006.01); **H02K 5/24** (2006.01)

CPC (source: EP KR US)

F04B 39/00 (2013.01 - KR); **F04B 39/0044** (2013.01 - EP US); **F04B 39/12** (2013.01 - EP US); **F04C 18/02** (2013.01 - KR); **F04C 23/008** (2013.01 - EP US); **F04C 29/00** (2013.01 - KR); **F04C 29/0085** (2013.01 - EP US); **H02K 1/185** (2013.01 - EP US); F04C 18/356 (2013.01 - EP US); F04C 2240/30 (2013.01 - EP US); F04C 2270/12 (2013.01 - EP US); H02K 1/146 (2013.01 - EP US)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2138722 A1 20091230; **EP 2138722 A4 20161102**; **EP 2138722 B1 20191016**; AU 2008233911 A1 20081009; AU 2008233911 B2 20120202; CN 101646869 A 20100210; CN 101646869 B 20120229; EP 3431761 A2 20190123; EP 3431761 A3 20190220; EP 3431761 B1 20200212; EP 3444474 A2 20190220; EP 3444474 A3 20190227; EP 3444474 B1 20200729; ES 2764961 T3 20200605; ES 2790955 T3 20201030; ES 2828675 T3 20210527; JP 2008255808 A 20081023; JP 4241849 B2 20090318; KR 101057203 B1 20110816; KR 20090122257 A 20091126; US 2010021321 A1 20100128; US 7938630 B2 20110510; WO 2008120463 A1 20081009

DOCDB simple family (application)

EP 08720562 A 20080321; AU 2008233911 A 20080321; CN 200880010566 A 20080321; EP 18192382 A 20080321; EP 18192386 A 20080321; ES 08720562 T 20080321; ES 18192382 T 20080321; ES 18192386 T 20080321; JP 2007096055 A 20070402; JP 2008000682 W 20080321; KR 20097019749 A 20080321; US 59425108 A 20080321